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B²

a biopolymer,

wherein said product is capable of directly coating a surface of a substrate.

Please substitute the following claim 4 for the currently pending claim 4:

B³

4. (Once amended) The coating composition of claim 1, wherein said functional group is an isocyanate.

Please substitute the following claim 5 for the currently pending claim 5:

B⁴

5. (Once amended) The coating composition of claim 4, wherein said biopolymer is heparin-tridodecylmethylammonium chloride.

Please substitute the following claim 6 for the currently pending claim 6:

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6. (Once amended) The coating composition of claim 1, wherein said biopolymer is a complex selected from the group consisting of heparin-tridodecylmethylammonium chloride, heparin-benzalkonium chloride, heparin-stearalkonium chloride, heparin-poly-N-vinyl-pyrrolidone, heparin-lecithin, heparin-didodecyldimethylammonium bromide, heparin-pyridinium chloride, and heparin-synthetic glycolipid complex.

[Please substitute the following claim 7 for the currently pending claim 7:]

7. (Once amended) The coating composition of claim 1, wherein said biopolymer has hydroxyl or amine functional groups.

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[Please substitute the following claim 8 for the currently pending claim 8:]

8. (Once amended) The coating composition of claim 1, wherein said biopolymer comprises heparin.

[Please substitute the following claim 9 for the currently pending claim 9:]

9. (Once amended) The coating composition of claim 7, wherein said biopolymer is provided in a form capable of dissolving in an organic solvent.

B5 [Please substitute the following claim 10 for the currently pending claim 10:]

10. (Once amended) The coating composition of claim 1, wherein the biopolymer provides thromboresistance.

[Please substitute the following claim 11 for the currently pending claim 11:]

11. (Once amended) The coating composition of claim 1, wherein said biopolymer is heparin-tridodecylmethylammonium chloride.

[Please substitute the following claim 12 for the currently pending claim 12:]

12. (Once amended) The coating composition of claim 1, further comprising at least one additive selected from the group consisting of wetting agents, surface active agents and film forming agents.

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[Please substitute the following claim 13 for the currently pending claim 13:]

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13. (Once amended) The coating composition of claim 1, wherein the silane has
an organic chain between isocyanate and silane functional groups.